



DTOS Rec'd PCT/PTO

29 OCT 2002

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on October 25, 2002.

Dawn M. Berry

Name of Person signing Certificate

*Dawn M. Berry*

Signature

#12

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: )

Kazuo SUZUKI et al. )

Serial No.: 09/868,953 )

Filed: September 19, 2001 )

Group Art Unit 1646

Examiner: Unassigned

**RECEIVED**

NOV 18 2002

For: BONE RESORPTION INHIBITORS

TECH CENTER 1600/2900

**THIRD REQUEST FOR CORRECTED FILING RECEIPT**

Assistant Commissioner for Patents

Washington, D.C. 20231

October 10, 2002

Sir:

To date, the undersigned has requested this correction two previous times, but without response from the United States Patent and Trademark Office. This is the third time that this request is being made. Please supply the undersigned attorney with a second corrected filing receipt for the above-identified application. The undersigned also respectfully requests that the Patent and Trademark Office records be amended to reflect the corrections. Unfortunately, the PTO did not correct the filing receipt as previously requested in the Request filed January 24, 2002.

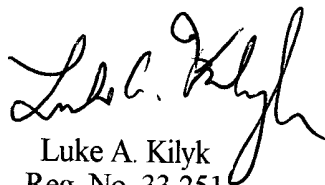
The U.S. Patent and Trademark Office again issued a Filing Receipt which incorrectly listed the domestic priority filing date as "December 20, 2000" for PCT/JP99/07152, when the filing date is -- December 20, 1999--, as set forth in the Declaration. Also, the foreign priority data was not correctly entered as shown in the Declaration. A copy of the Filing Receipt reflecting these corrections in red ink is attached.

Application No. 09/868,953

Attorney Docket No. 3190-010

It is believed no fee is required with this filing. However, in the event fees are required in connection with this paper, please charge our Deposit Account No. 50-0925.

Respectfully submitted,

  
Luke A. Kilyk  
Reg. No. 33,251

Atty. Docket No. 3190-010  
KILYK & BOWERSOX, P.L.L.C.  
53 A East Lee Street  
Warrenton, VA 20186  
Tel: (540) 428-1701  
Fax: (540) 428-1720

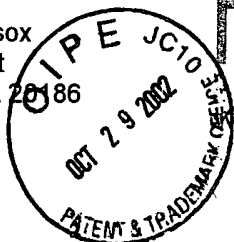


## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO.	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/868,953	09/19/2001	1646	1070	3190-010	2	7	4

Luke A Kilyk  
Kilyk & Bowersox  
53A Lee Street  
Warrenton, VA 20186



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JAN 21 2002

KILYK & BOWERSOX, P.L.L.C.

CONFIRMATION NO. 9938

CORRECTED FILING RECEIPT



\*OC00000007311432\*

Date Mailed: 01/15/2002

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Kazuo Suzuki, Chiba, JAPAN;  
Satoshi Yamagoe, Chiba, JAPAN;  
Tooru Yamakawa, Tokyo, JAPAN;

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**Domestic Priority data as claimed by applicant**

THIS APPLICATION IS A 371 OF PCT/JP99/07152 12/20/2000  
1999

**Foreign Applications**

~~PCT/JP99/07152-12/20/1999-~~

10/363727 Japan 22 Dec 1998

If Required, Foreign Filing License Granted 01/15/2002

**Projected Publication Date:** To Be Determined - pending completion of Security Review

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Bone resorption inhibitors

**Preliminary Class**

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**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

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This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

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Receipt

PATENT  
CML00493CR

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Demkov et al.  
SERIAL NO.: 60/406755  
FILE DATE: August 30, 2002  
GROUP ART UNIT:  
TITLE: AB INITIO QUANTUM TRANSPORT

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CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: Office of Initial Patent Examination, Customer Service Center, ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, ON: October 23, 2002

Date of Deposit

MOTOROLA INC.

Name of Assignee



SIGNATURE

10.23.02

DATE

CORRECTION OF FILING RECEIPT

Office of Initial Patent Examination  
Customer Service Center  
Honorable Assistant Commissioner for Patents  
Washington, D.C. 20231

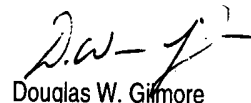
Sir:

It is respectfully pointed out that the Filing Receipt for the above-identified patent application is incorrect. The title of the application is incorrect. "PACKAGING TECHNIQUE FOR THE PROTECTION OF ELECTRONIC CIRCUITS IN HARSH ENVIRONMENTS" should be "AB INITIO QUANTUM TRANSPORT".

Please correct the filing receipt to correct the title as follows "AB INITIO QUANTUM TRANSPORT". Enclosed is a copy of the first page of the provisional application showing correct title, and a copy of the Filing Receipt with the change noted thereon.

Please charge any fees due to Deposit Account No. 13-4771.

Respectfully submitted,

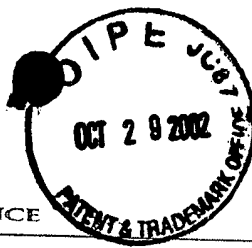


Douglas W. Gilmore  
Attorney for Applicant(s)  
Reg. No. 29,659  
Tel. 602-952-3486  
Fax 602-952-3945

MOTOROLA, INC.  
Customer Number 23330



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TRADEMARK OFFICE



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Page 1 of 2

Commissioner for Patents  
Washington, DC 20231  
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APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
60/406,755	08/30/2002		160	CML00493CR	1		

23330  
MOTOROLA, INC.  
CORPORATE LAW DEPARTMENT - #56-238  
3102 NORTH 56TH STREET  
PHOENIX, AZ 85018

CONFIRMATION NO. 6778

FILING RECEIPT



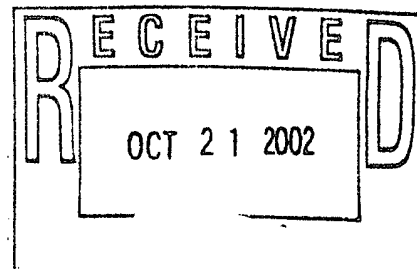
\*OC00000008958020\*

Date Mailed: 10/16/2002

Receipt is acknowledged of this provisional Patent Application. It will not be examined for patentability and will become abandoned not later than twelve months after its filing date. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

**Applicant(s)**

Alexander A. Demkov, Phoenix, AZ;  
Xiaodong Zhang, Tempe, AZ;



7,767

**If Required, Foreign Filing License Granted 10/16/2002**

**Projected Publication Date:** None, application is not eligible for pre-grant publication

**Non-Publication Request:** No

**Early Publication Request:** No

**Title**

Packaging technique for the protection of electronic circuits in harsh environments

**LICENSE FOR FOREIGN FILING UNDER**

**Title 35, United States Code, Section 184**

**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

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#### **NOT GRANTED**

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UNITED STATES PATENT AND TRADEMARK OFFICE  
PROVISIONAL PATENT APPLICATION

Title: **AB INITIO QUANTUM TRANSPORT**

5 Inventors: **Alex Demkov, Xiaodong Zhang**

This invention generally relates to prediction of electron transport and/or electron mobility properties. More specifically, one exemplary embodiment of the invention  
10 relates to a system and method for modeling the quantum electron transport function for silicon and/or silicon containing systems in order to determine *inter alia* the electronic properties of a material of interest.

In one exemplary embodiment, the system of the present invention may include a host server or other computing systems including a processor for processing digital  
15 data, a memory coupled to said processor for storing digital data, an input digitizer coupled to the processor for inputting digital data, an application program stored in said memory and accessible by said processor for directing processing of digital data by said processor, a display coupled to the processor and memory for displaying information derived from digital data processed by said processor and a plurality of databases, said  
20 databases including data that could be used in association with the present invention. The database may be any type of database, such as relational, hierarchical, object-oriented, and/or the like. Common database products that may be used to implement the database include DB2 by IBM (White Plains, NY), any of the database products available from ORACLE<sup>®</sup> CORPORATION (Redwood Shores, CA), MICROSOFT<sup>®</sup>  
25 ACCESS by MICROSOFT<sup>®</sup> CORPORATION (Redmond, Washington), or any other database product. The database may be organized in any suitable manner, including, for example, data tables, look-up tables or any matchable data structures now known or hereafter derived in the art.

Association of certain data may be accomplished through any data association  
30 technique known and practiced in the art. For example, the association may be accomplished either manually or automatically. Automatic association techniques may include, for example, a database search, a database merge, GREP, AGREP, SQL,